

Form PTO-1449 (modified)

Atty. Docket No.
78.1081-1.4Serial No.
10/604,210

List of Patents and Publications for Applicant's

Applicant
Nigel Dennis Griffin and Peter Raymond Hughes

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
July 1, 2003Group:
1775U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
<i>AS</i>	A1	4,224,380	9/23/80	Bovenkerk <i>et al.</i>	428	545	
	A2						
	A3						
	A4						
	A5						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>AS</i>	B1	0 617 207 A3	3/25/94	Europe	F16C	33/04	Yes
<i>AS</i>	B2	WO 00/28106	5/18/00	PCT	C23C	16/04	Yes
	B3						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>AS</i>	C1	International Search Report for PCT/GB01/03986, dated 2/18/02
<i>AS</i>	C2	International Search Report for PCT/GB01/02638, dated 2/18/02
	C3	

EXAMINER: *[Signature]*DATE CONSIDERED: *10/6/01*

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/804,210
				Filing Date	7/1/2003
				First Named Inventor	Griffin et al
				Group Art Unit	1778
				Examiner Name	Tutor
Sheet	1	of	6	Attorney Docket Number	78.1061-1.4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
dy		3,136,816		Bovenkerk	08/09/1984	
		3,141,748		DeLai	07/21/1984	
		3,233,988		Wentorf, Jr.	02/08/1986	
		4,108,814		Mitchell	08/22/1978	
		4,151,888		Lee et al	05/01/1979	
		4,224,380		Bovenkerk et al	09/23/1980	
		4,255,185		Dennis et al	03/10/1981	
		4,288,278		Bovenkerk	05/19/1981	
		4,303,442		Hara et al	12/01/1981	
		4,311,490		Bovenkerk et al	01/19/1982	
		4,373,593		Phaal et al	02/15/1983	
		4,387,287		Marazzi	08/07/1983	
		4,412,980		Tauji et al	11/01/1983	
		4,481,016		Campbell et al	11/08/1984	
		4,486,286		Lewin et al	12/04/1984	
		4,504,519		Zelaz	09/12/1985	
		4,522,833		Dyer	08/11/1985	
		4,525,179		Gigl	08/25/1985	
		4,534,773		Phaal et al	08/13/1985	
		4,556,403		Almond et al	12/03/1985	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ² (if known)				

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/804,210
				Filing Date	7/1/2003
				First Named Inventor	Griffin et al
				Group Art Unit	1775
				Examiner Name	Turner
Sheet	4	of	6	Attorney Docket Number	78:1081-1.4

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent
		Number	Kind Code ² (if known)			
21		6,238,074		Tibbitts	08/24/1993	
		5,264,283		Waldenstrom	11/23/1993	
		5,337,844		Tibbitts	08/18/1994	
		5,379,853		Lockwood	01/10/1995	
		5,439,492		Anthony et al	08/08/1995	
		5,484,068		Najafi-Sani	11/07/1995	
		5,466,288		Tank et al	11/21/1995	
		5,498,838		Waldenstrom	03/05/1996	
		5,505,748		Tank et al	04/09/1996	
		5,510,193		Cerutti et al	04/23/1996	
		5,523,121		Anthony et al	06/04/1996	
		5,524,719		Dennis	08/11/1996	
		5,580,716		Tank et al	10/01/1996	
		5,807,024		Kelth et al	03/04/1997	
		5,820,382		Cho et al	04/15/1997	
		5,824,068		Waldenstrom et al	04/29/1997	
		5,867,028		Truax et al	08/18/1997	
		5,718,948		Edvard et al	02/17/1998	
		5,722,489		Nguyen et al	03/03/1998	
		5,776,815		Wong et al	07/07/1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent	TS
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
A1		EP	0300699	A2	Smith International Inc.	01/26/1989		
		EP	0329954	B1	General Electric Company	08/18/1993		
		EP	0500253	B1	Sumitomo Electric	11/12/1997		
		EP	0585630	B1	CSIR	01/07/1998		
		EP	0585631	B1	CSIR	04/09/1997		
		EP	0612868	B1	Sumitomo Electric	07/22/1998		
		EP	0617207	A3	DeBeers Industrial	09/28/1994		
		EP	0787820	A2	Saint-Gobain/Norton	08/08/1997		
A		EP	0860515	A1	DeBeers Industrial	08/28/1998		
		UK	2048927	A	DeBeers Industrial	12/17/1980		

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/604,210
				Filing Date	7/1/2003
				First Named Inventor	Griffin et al
				Group Art Unit	1776
				Examiner Name	Tumer
Sheet	5	of	6	Attorney Docket Number	78.1081-1.4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A		5,964,147		Overstreet	09/21/1999	
		5,979,576		Packer	11/09/1999	
		6,009,983		Chaves et al	01/04/2000	
		6,128,741		Jones et al	10/03/2000	
		6,248,447	B1	Griffin et al	08/19/2001	
		6,269,894	B1	Griffin et al	08/07/2001	
		6,344,149		Olan	02/2002	
		6,063,933		Dennis	05/2002	
		5,897,842		Kamer et al.	04/1999	
		5,833,021		Mensa-Wilmot et al.	11/1998	
		5,370,195		Kashavan et al.	12/1994	
		5,011,514		Cho et al.	04/1991	
		6,123,612		Goers	09/2000	
		4,804,108		Hall et al.	08/1988	
		6,269,894		Griffin	08/2002	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
A		UK	2288768	A	Baker Hughes	01/19/1994	
		UK	2323398	A	Baker Hughes	09/23/1998	
		PC	WO98/34131	A1	Tokyo Kohan Co Ltd	10/31/1998	
		UK	1348385		G E	04/1974	

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/804,210
			Filing Date	7/1/2003
			First Named Inventor	Griffin et al.
			Group Art Unit	1775
			Examiner Name	Turner
			Attorney Docket Number	78.1081-1.4
Sheet	6	of 6		

[illegible]

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